



MSD

January 22, 2000

Mr. Femi Akindele
Residual Project Manager
Kentucky/Tennessee Section
U.S. Environmental Protection Agency
Region IV
61 Forsyth Street
Atlanta, GA 30303

**Re: Report of Field Observation – FY00 - Second Quarter (FY00-2Q)
Lees Lane Superfund Site, Jefferson County, Kentucky,
Administrative Order on Consent, USEPA Docket No-91-32-C**

Dear Mr. Akindele

In accordance with paragraph 11, under Reporting Requirements, of the subject Consent Order and Attachment I, Operation and Maintenance Plan For Post-Removal Site Control at the Lees Lane Landfill Site. I am enclosing one (1) copy of the Report of Field Observation (Appendix J), identified as Observation Report No FY00-2Q, for your information and files.

Please advise if you have any questions concerning the attached Report of Field Observation for FY00-2Q.

Sincerely,

Richard H. Watkins, Sr.
Support Service Manager
RHW/rw
Lees-00-2Qtr

Enc.

cc: Kentucky National Resource Environment Protection Cabinet
Mr. Rick Hogan, Division of Waste Management
G. R. Garner, Executive Director
D. B. Johnson, Director of Maintenance
Lees Lane File



10862987

**REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY**

Observation Report No.: FY00-2ndQ Date of Observation: 12/30/99

Instruction: If any item is checked yes, provide details of the problem and maintenance recommendations below and indicate the location of deficiency on the site map provided.

Comment No.:

Comment

- | | |
|-----|---|
| A-4 | Rutting was observed on the gravel road leading to gas collection Well No. 5. |
| B-2 | Condition of the Putnam Avenue barricade remains unchanged from previous quarterly institutional inspections. Landfill site and flood protection levee areas intrusion by ATV's from wooded areas adjacent to the Putnam Avenue barricade has been reduced, but is still noticeable. The landfill site and flood protection levee continues to receive surveillance by the Jefferson County Police. Vegetation along the access road to the Putnam Avenue barricade has been cut. |
| C-1 | Observed no evidence of small arms fire damage to the Blower House from previous quarterly institutional inspection. |

Comment No.

Corrective Action Performed

- | | |
|-----|--|
| A-4 | Schedule gravelling of the access road leading to Well No. 5 to fill rutted areas by the end FY00-3Q. |
| B-2 | Continue to observe condition of the Putnam Avenue barricade during future quarterly institutional inspections. Installation of "No Trespass - Keep Out" signs at strategic locations along the access roads and Mill Creek cut-off channel areas in an effort to discourage ATV intrusions and trespass into the landfill and levee area sites. |
| C-1 | No corrective action required at this time. |

Comment No.:**Comment**

- C-8 Observed replacement-covers for missing moisture traps covers at 25, 26, and 27.
- D-2 Observed two guard rails that had been damaged and will require reconnection by welding.
- D-4 Observed that the tilted condition of the concrete pad for Gas Monitoring Well No. G-2 remains in the same position as noted in previous institutional inspections.
- D-8 Monitoring wells tubing, fittings, and valves were not directly observed but no external damage or disturbance to enclosures was evident.
- E-8 Observed small amount of trash and debris build-up on the riprap area from prior observations. Trespassers continue to utilize the debris as fuel for small bonfires, thereby eliminating the necessity to remove the debris from the riprap area.
- F-5 There was no evidence of ponding water, although there are several ruts left by ATV's.

Comment No.**Corrective Action Performed**

- C-8 No further action required at this time.
- D-2 Damaged guardrails have been welded or replace on gas monitoring wells.
- D-4 Continue to monitor the condition of the concrete pad for Gas Monitoring Well No. G-2. Schedule resetting or replacement of concrete pad prior to end of FY00-3Q.
- D-8 Monitoring well tubing, fittings, and valves were not directly observed but no external damage or disturbance to enclosures was evident.
- E-8 No further action required at this time.
- F-5 No further action required at this time. Condition of ruts left by ATV's and other vehicles should be monitored at future quarterly institutional inspections and backfilled as necessary

LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No: EV-00-02 Date of Observation: 12/29/99

Time Arrived Onsite: 9:15 AM Time Departed Site: 11:42 AM

Field Personnel: Richard H. Watkins, Support Service Manager

Kevin Bright, Support Service Supervisor

Section A: General Site Conditions

Observation:	Yes*	No	Not Observed	Comment No.
1. Major settlement of topsoil or erosion exposing waste/fill material	—	<u>X</u>	—	—
2. Evidence of leachate seepage	—	<u>X</u>	—	—
3. Distressed Vegetation	—	<u>X</u>	—	—
4. Pot holes, erosion of access road	<u>X</u>	—	—	<u>A-4</u>

Section B: Institutional Controls

Observation:	Yes*	No	Not Observed	Comment No.
1. Structural problem with Lee's Lane gate or barricade	—	<u>X</u>	—	—
2. Structural problem with Putman Ave. barricade	—	<u>X</u>	—	<u>B-2</u>
3. Lee's Lane gate unlocked	—	<u>X</u>	—	—
4. Broken or missing lock	<u>X</u>	<u>X</u>	—	—

Section C: Gas Collection System

Observation:	Yes*	No	Not Observed	Comment No.
1. Vandalism to blower house, wells, or moisture traps	—	<u>X</u>	—	<u>C-1</u>
2. Structural damage to blower house	—	<u>X</u>	—	Reset Field in well
3. Blower not operating or visible damage	—	<u>X</u>	—	—
4. Blower house not secure and unclean	—	<u>X</u>	—	—

Observation:	Yes*	No	Not Observed	Comment No.
5. Service box lids not in place	—	—	<u>x</u>	—
6. Alarm and blower controls not functioning	—	—	<u>x</u>	—
7. Settlement or tilting of well/moisture trap concrete collars	—	<u>x</u>	—	—
8. Well/moisture trap covers missing or damaged	<u>x</u>	—	—	C-8-Replaced
9. Excessive vegetation covering wells/moisture traps	—	—	<u>x</u>	—
10. Adjustment valve inaccessible	—	—	<u>x</u>	—
11. Well/moisture trap caps, plugs, and piping missing or damaged	—	—	<u>x</u>	—
12. Blower house and well/moisture trap signs missing or damaged	—	—	<u>x</u>	—

Section D: Groundwater & Gas Monitor Wells

Observation:	Yes*	No	Not Observed	Comment No.
1. Wells unlocked	—	<u>x</u>	—	—
2. Guard posts and rails missing or damaged	—	<u>x</u>	—	D-2 Repair
3. Protective casing missing, damaged or rusted	—	<u>x</u>	—	—
4. Concrete pads damaged or cracked	<u>x</u>	—	—	D-4
5. Possible surface water infiltration into wells	—	<u>x</u>	—	—
6. Excessive vegetation or debris around wells	—	<u>x</u>	—	—
7. Well cap missing or damaged	—	—	—	—
8. Tubing, fittings, and valves missing or damaged (gas wells only)	<u>x</u>	—	—	D-8

Section E: Bank Protection Controls

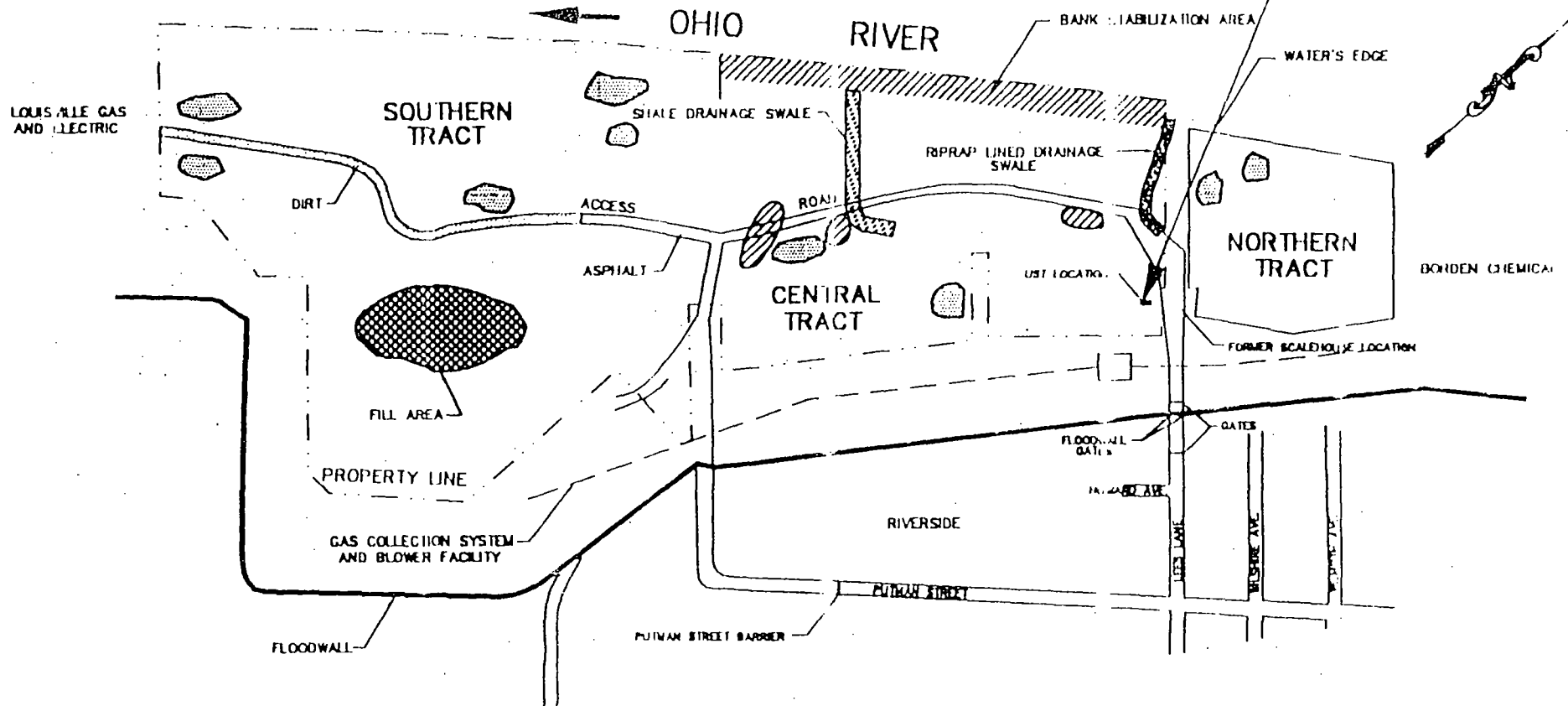
Observation:	Yes*		Not Observed		Comment No.
	Yes*	No	Observed		
1. Subsidence of slope, sloughing or caving	—	—	<u>x</u>		
2. Erosion of rip-rap or underlying material	—	—	<u>x</u>		
3. Abnormally damp areas, wet ground vegetation	—	—	<u>x</u>		
4. Soft spots in surface	—	—	<u>x</u>		
5. Seepage, water flow, piping, or sand boils	—	—	<u>x</u>		
6. Undermining of rip-rap	—	—	<u>x</u>		
7. Vegetative growth on rip-rap slope	—	<u>x</u>	—		
8. Buildup of trash and debris on rip-rap	—	<u>x</u>	—		E-8
9. Exposed trash or filter fabric	—	<u>x</u>	—		
10. Tilting trees	—	<u>x</u>	—		
11. Tension cracks	—	<u>x</u>	—		
12. Survey monuments missing or damaged	—	<u>x</u>	—		

Section F: Surface Waste Cleanup/Cover

Observation:	Yes*		Not Observed		Comment No.
	Yes*	No	Observed		
1. Swales greater than 1 foot wide and 2 inches deep	—	<u>x</u>	—		
2. Cracks greater than 1 inch wide and 6 inches deep	—	<u>x</u>	—		
3. Areas of erosional damage to grass	—	<u>x</u>	—		
4. Inadequate grass cover (area > 36 ft ²)	—	<u>x</u>	—		
5. Ponded water (area larger than 2 feet in diameter and 3 inches deep)	—	<u>x</u>	—		F-5
6. Erosion or ponded water greater than 12 inches deep (requires immediate repair)	—	<u>x</u>	—		

* If yes, assign a comment no. in the last column and follow instructions on comment sheet.

UST REMOVED FROM SITE BY MSD



DRAWING NOT TO SCALE
SOURCE: RESOURCES APPLICATIONS, INC.

LEGEND

- APPROXIMATE AREA OF DRUM INTERBURIAL DURING CERCLA REMOVAL
- AREA OF SUBSIDENCE

ARCS / LEE'S LANE LANDFILL
LOUISVILLE, KENTUCKY

FEATURE MAP

FIGURE 2-1

ROY F. WESTON, INC.



DRAWN	WRS	DATE	9/97	DES. ENG.	DATE	V. D. NO.	04400-083
CHECKED		DATE		APPROVED	DATE	DWG. NO.	LEESL2-1

FILE NO. C:\LEESL2-1.DWG

PLT. SC.